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ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES SONN:077US DESIGNATED/ELECTED OFFICE (DO/EO/US) 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/EP2004/003029 22 March 2004 24 March 2003 TITLE OF INVENTION USE OF ALUM AND A TH1 IMMUNE RESPONSE INDUCING ADJUVANT FOR ENHANCING IMMUNE RESPONSES APPLICANT(S) FOR DO/EO/US Michael BUSCHLE; Karen LINGNAU Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. 🔲 An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. 🗹 A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.				ATTORNEY'S DOCKET NUMBER				
U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. 10 PCT/EP2004/003029			/003029	SONN:077US				
20. Other items or information: PCT Request (including signed Declaration of Inventorship under Rule 4.17(iv) for purposes of designation of the U.S.); Forms PCT/IB/304 & PCT/IB/308 (Second Notice); Written Opinion; copy of PCT Publication (WO 2004/084937 A1) w/International Search Report; return postcard								
The foll	lowing fees have b	peen submitted			CALCULATIONS	PTO USE ONLY		
21. Pasic national fee (37 CFR 1.492(a))				\$ 300.00				
22. 🔽 Exam	nination fee (37 Cl							
If the written opin	nion prepared by IS /US indicates all cl ns	\$ 200.00						
If the written opin IPEA/US Search fee (37 C International Sea previously	rch fee (37 CFR 1 nion of the ISA/US indicates all claim CFR 1.445(a)(2)) honal Searching Au urch Report prepar y communicated to	\$ 400.00						
	TOTAL OF 21, 22	900.00	-					
sequenc electroni	e for specification e listing in complia c medium) (37 CF s \$250 for each ad Extra Sheets							
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Surcharge of \$13	30.00 for furnishing commencement of	\$						
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims		27 - 20 =	7	× \$ 50	\$ 350.00			
Independent claims		2 -3=	0	x \$200	\$ 0.00			
MULTIPLE DEP	ENDENT CLAIM(S	\$ 0.00						
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Applicant cla	ims small entity st	ed by 1/2.						
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		\$ 1,250.00						
	the enclosed assi e cover sheet (37 0	\$ 40.00						
		\$ 1,290.00						
	.	<u></u>			Amount to be refunded:	\$		
<u></u>					Amount to be charged	\$		



10/550820 JC09 Rec'd PCT/PT0 23 SEP 2005 PTC-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPART MENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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d. 🗆	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND A	LL CORRESPONDENCE TO:	٦		SIGNATURE				
Customer No. 32425				Mark B. Wilson				
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